

# State of the State Fire Marshal

Spring Pipeline Safety Workshop

Bakersfield, CA


March 22, 2006

Bob Gorham

Division Chief



# Topics of Discussion

- Personnel and Organizational Changes
  - 2005 - The year in review
  - Leak Trends –Causes & Comparisons
  - Inspection Activity for 2005
  - 2006 Inspection Priorities
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# Topics of Discussion cont.

- NASFM
- Pipeline Engineer Vacancies
- OQ – Adriana Crasnean
- IMP- Chuck MacDonald
- Emergency Response Training – Gary Shepherd

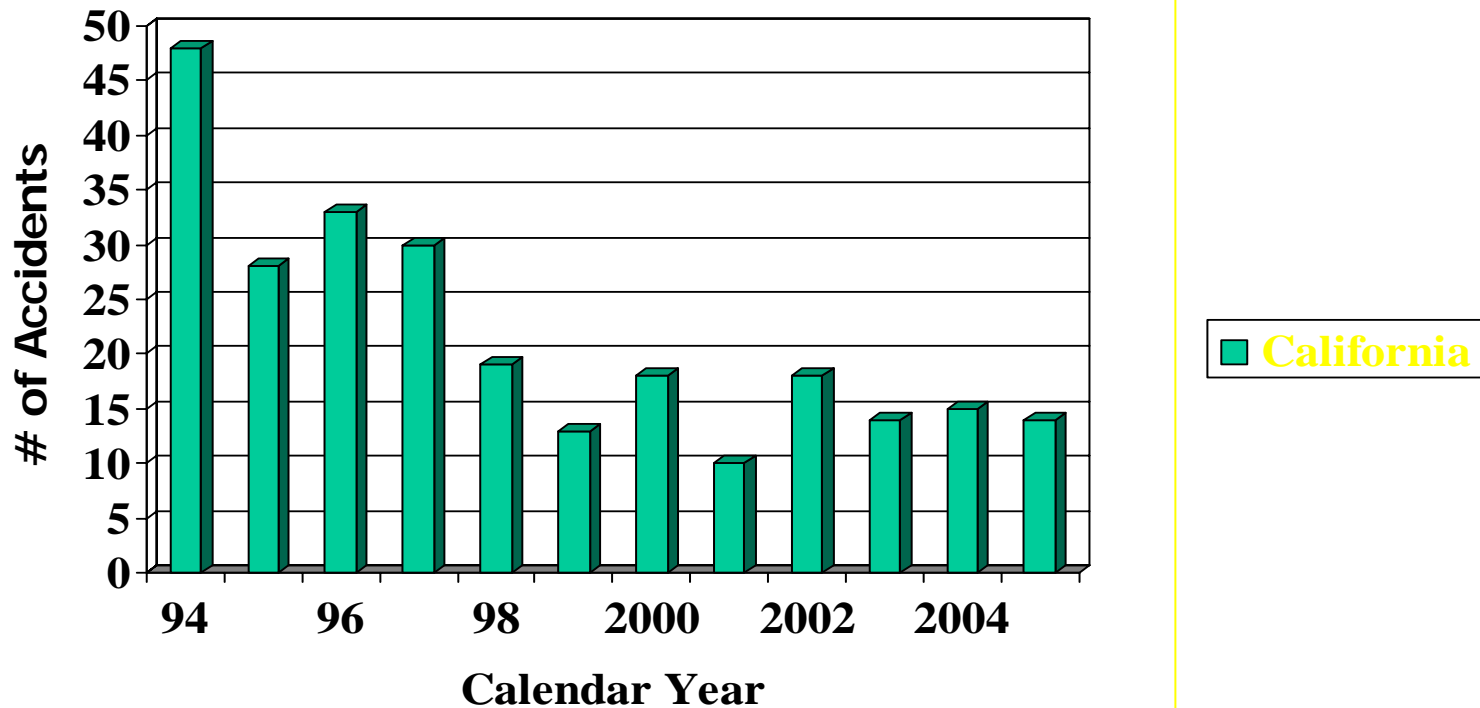
# Personnel Changes

- Ruben Grijalva –State Fire Marshal & Acting Director CDF
  - Kate Dargan – Assistant State Fire Marshal
  - Bob Gorham- Division Chief
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# Organizational Changes

- Division Chief now located in Lakewood
- 2 New Supervising Engineers to be selected in Early April.
- Statewide openings for 6 new pipeline inspectors – Examinations within 2-6 months

# Hazardous Liquid Pipeline Incidents California 1994- 2005

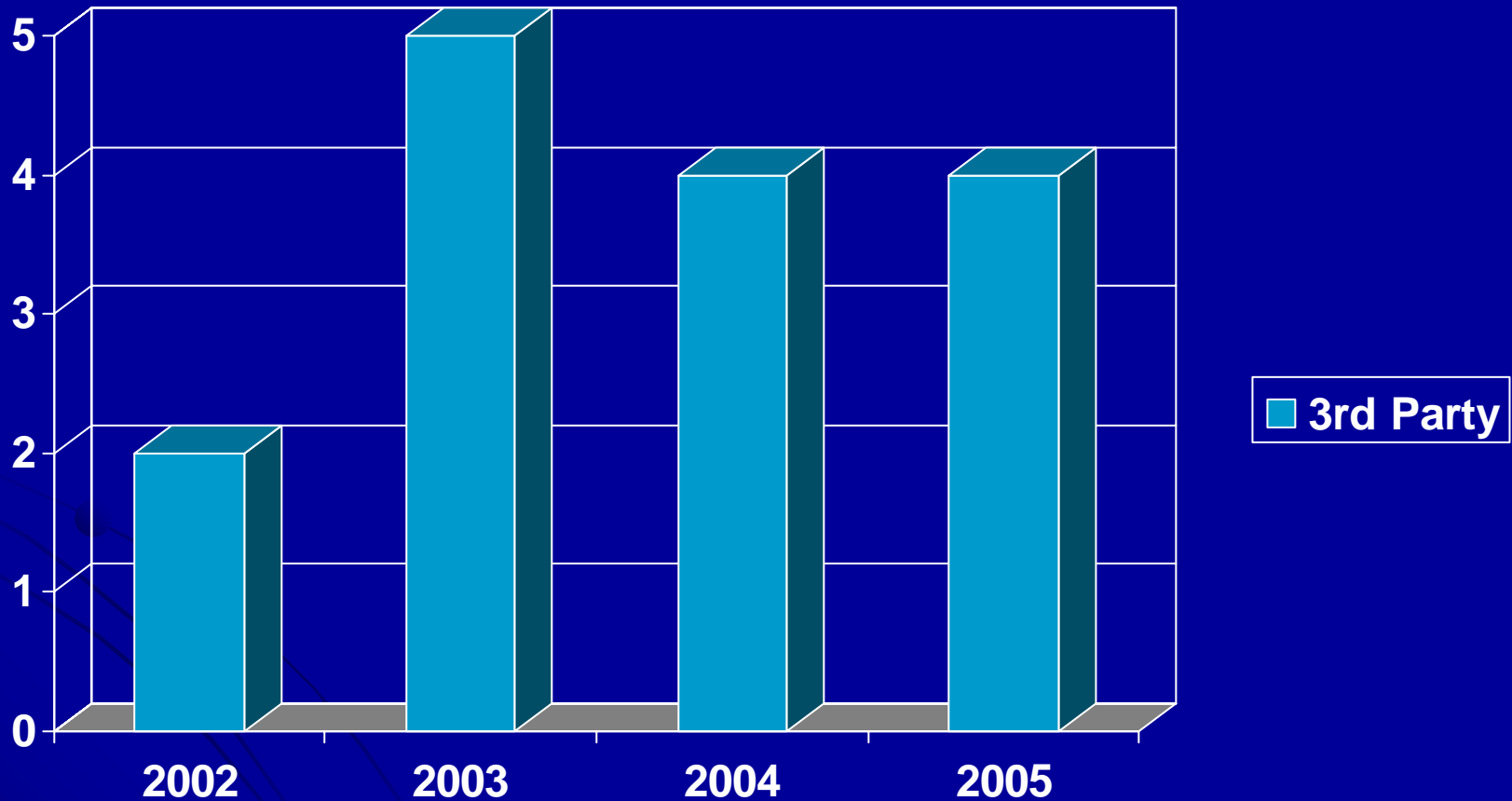


- 31 of our 47 pipeline operators had no reportable leaks in the last 4 years.



# Third Party

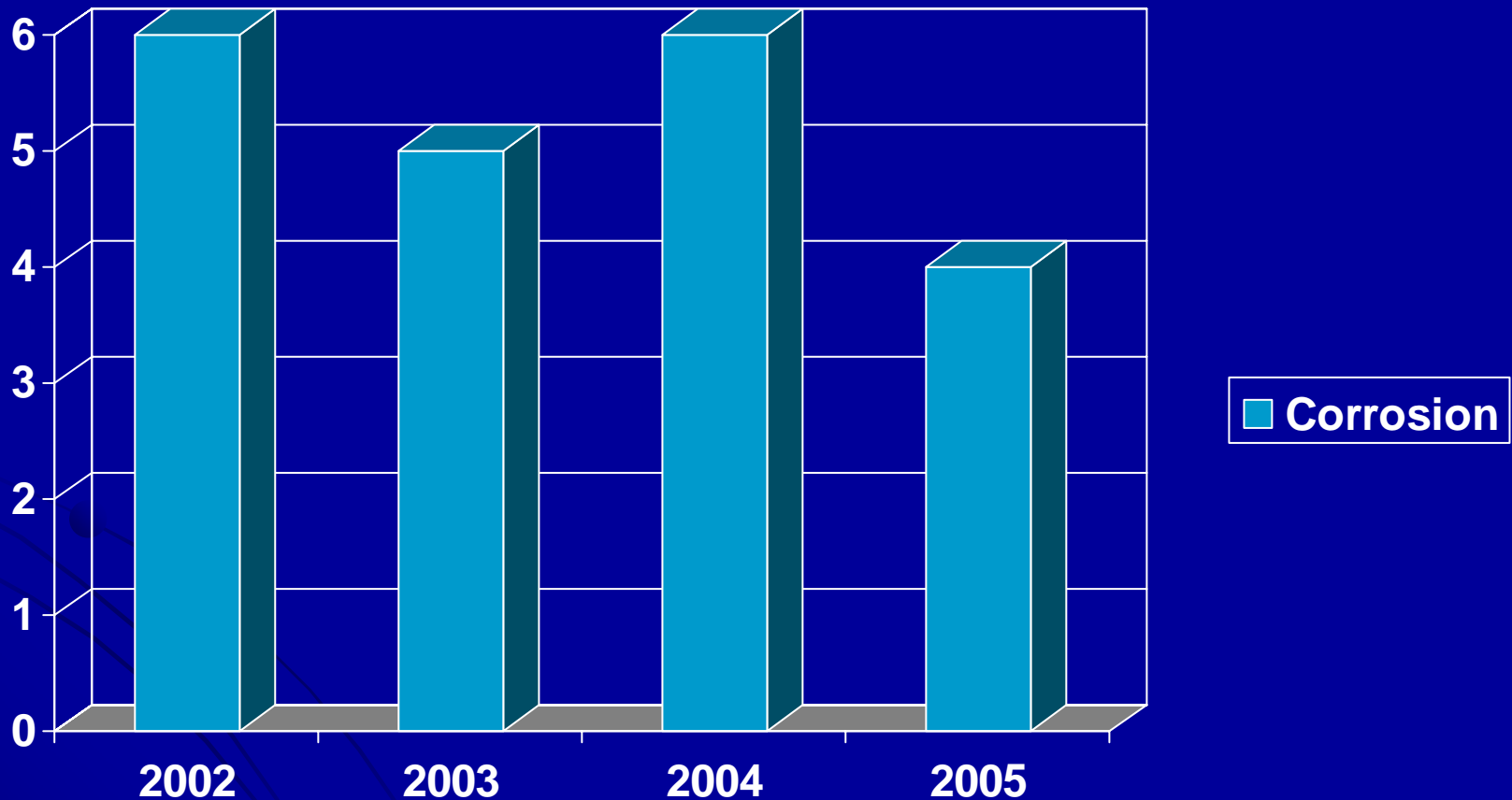
Farmers, Boring, Road grading, P/L Contractor





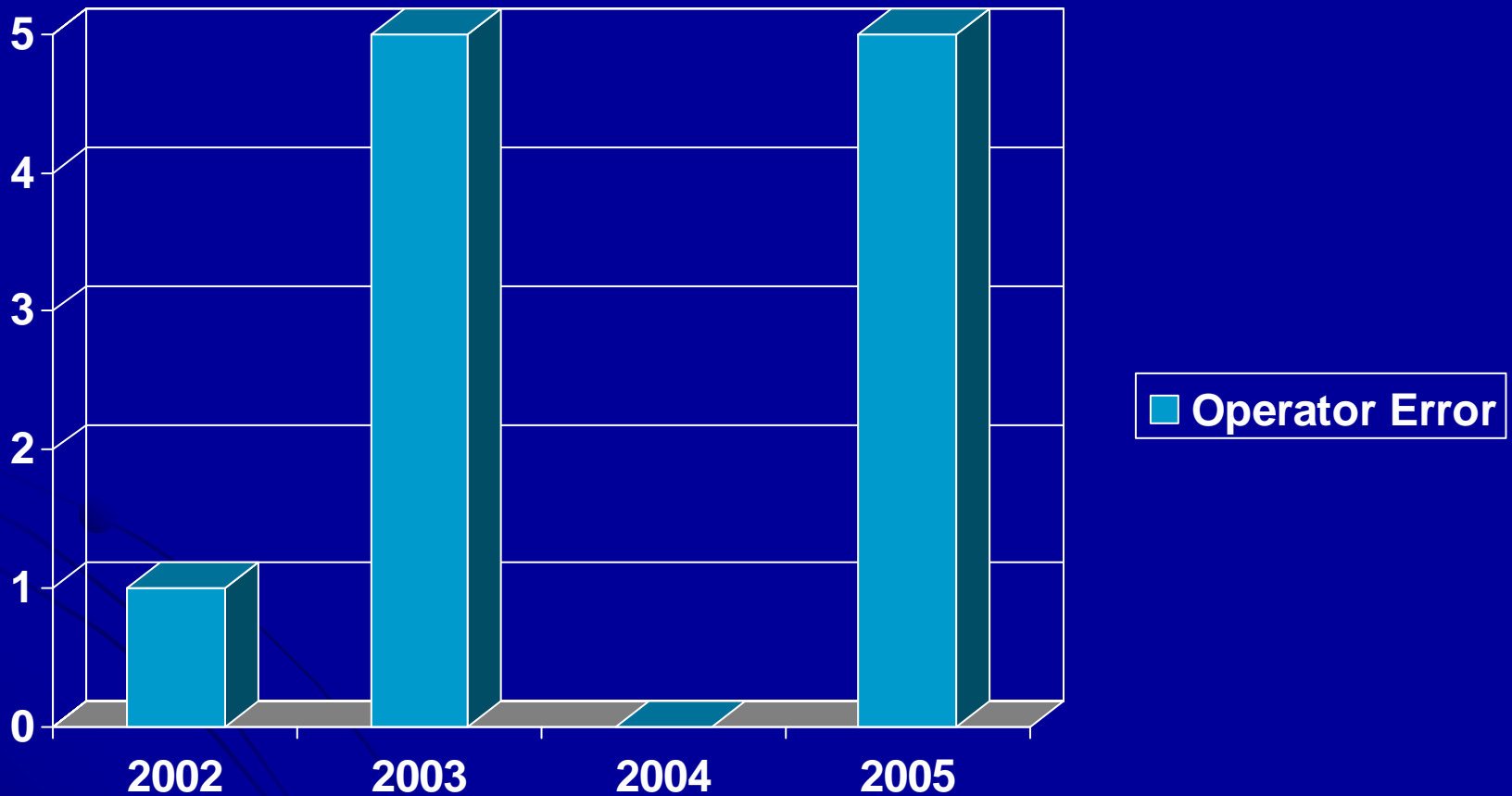
# Corrosion

(External, Internal, SCC, Prior 3<sup>rd</sup> Party)



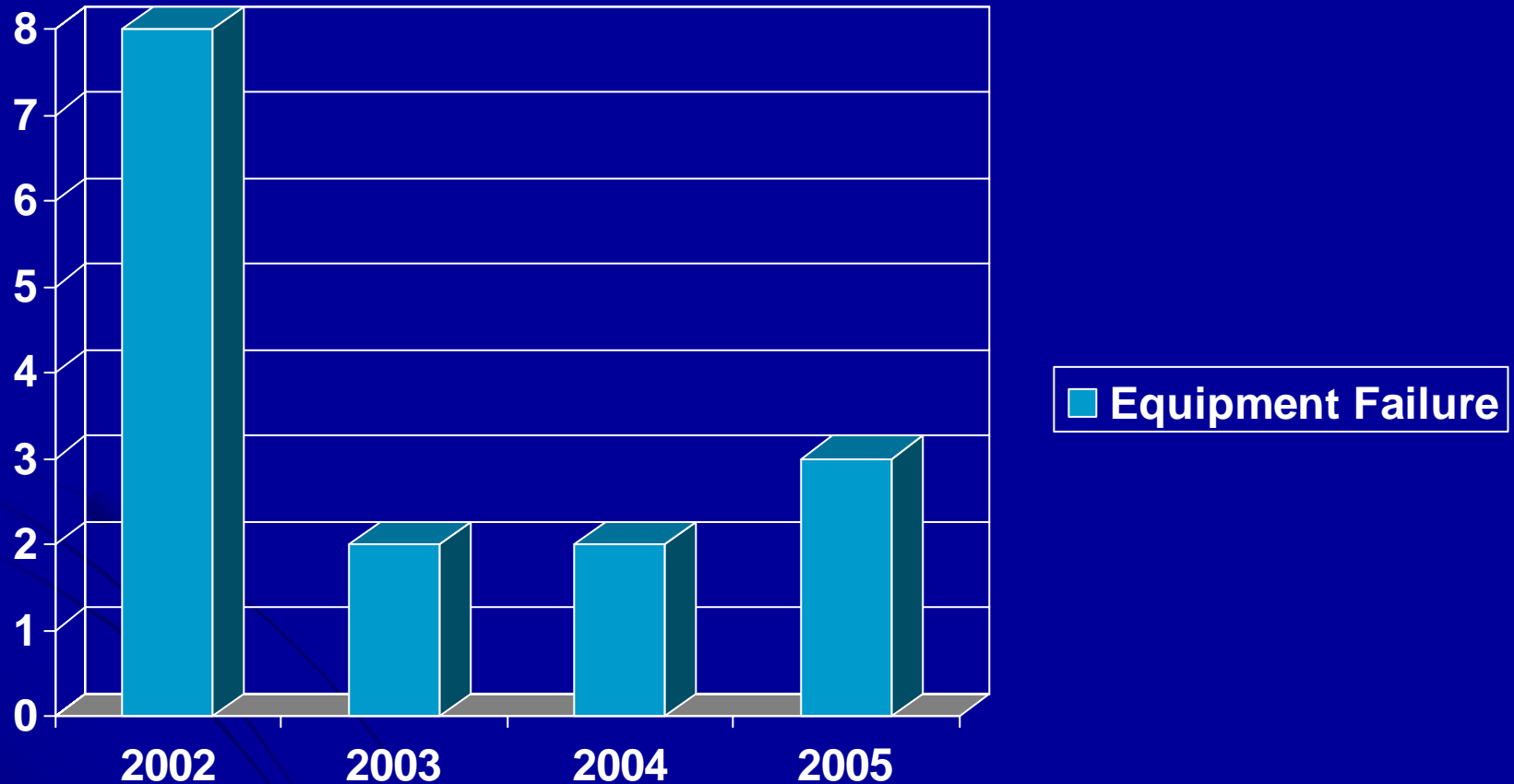
# Operator Error

(Valve closure, Controller error,  
improper weld repair, ditch backfill)

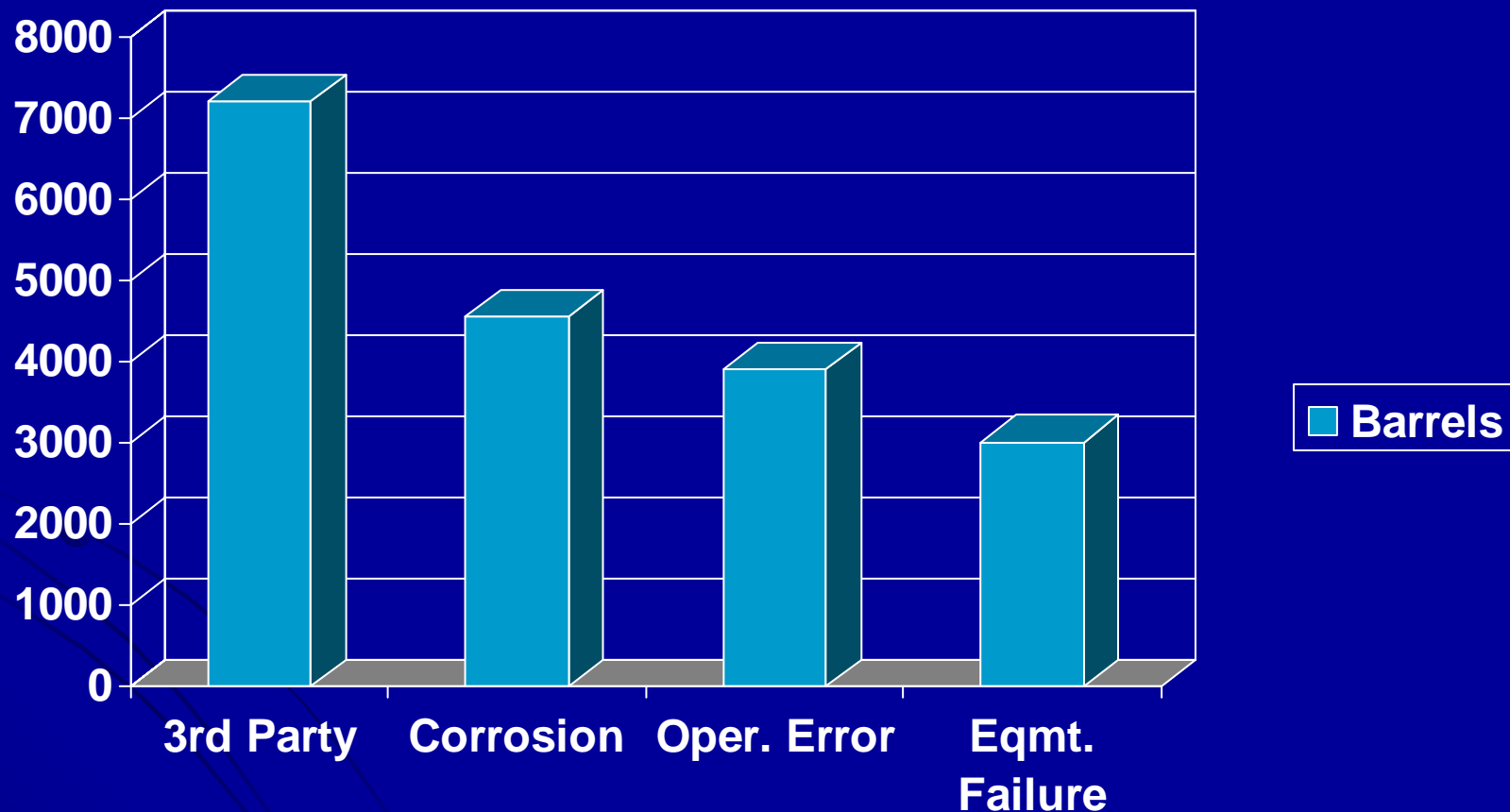


# Equipment Failure

Pump seals, gaskets, broken nipples, meters, samplers

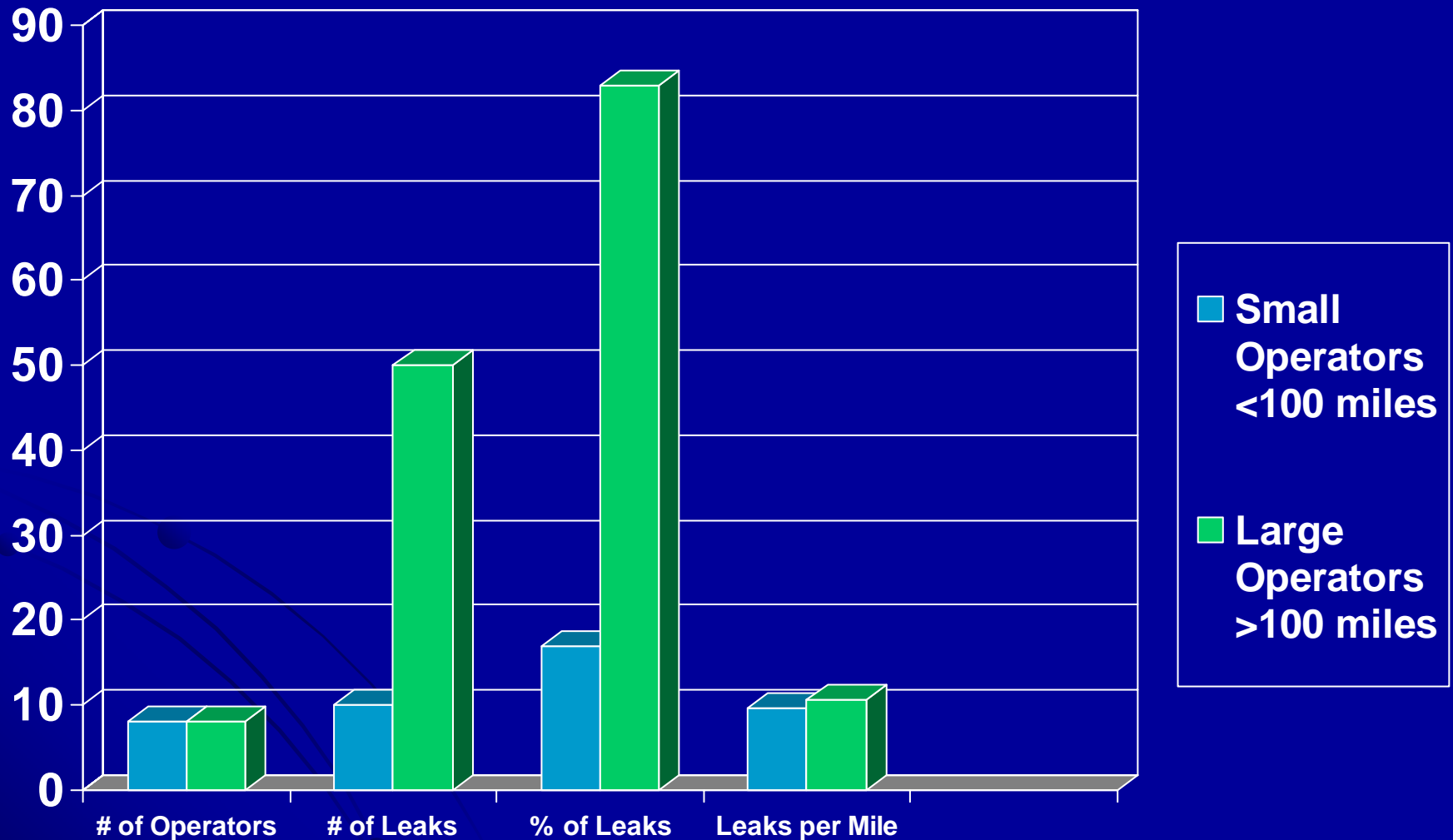


# Barrels Spilled by Cause 2002-2005

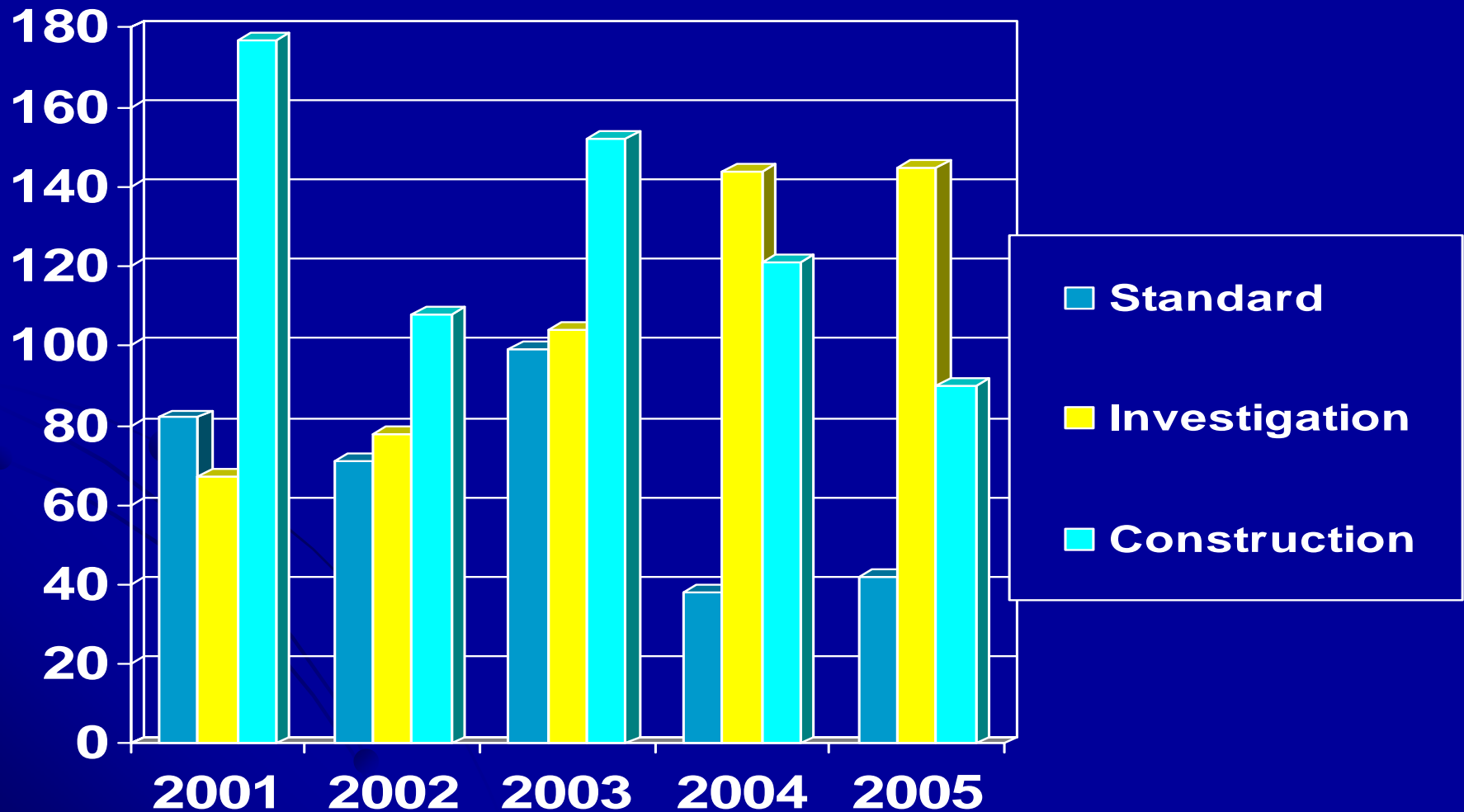


# Small vs. Large Operators

## 2002-2005



# 5 year Inspection Activity (Person-days)



# Types of Inspection

- Accident Investigations – 145 PD's
- Construction -90 PD's
- Standard Inspections -42 PD's
- Specialized (OQ,IMP,O&M) -486 PD's

# 2005 Inspection activity

- 47 intrastate operators
  - 81% inspected
  - 588 Person days (PD)



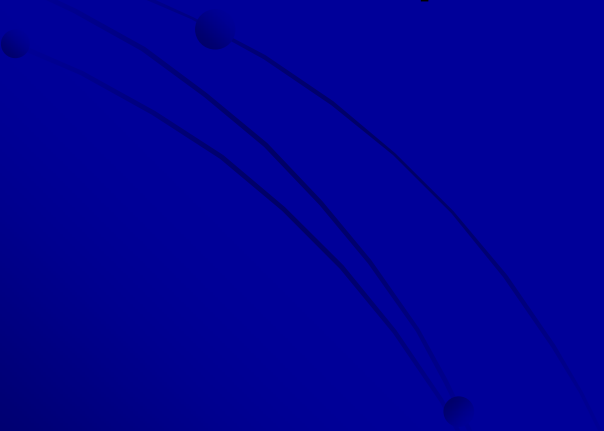


# Interstate Activity

- 10 interstate operators
- 40% inspected
- 90 Person-days

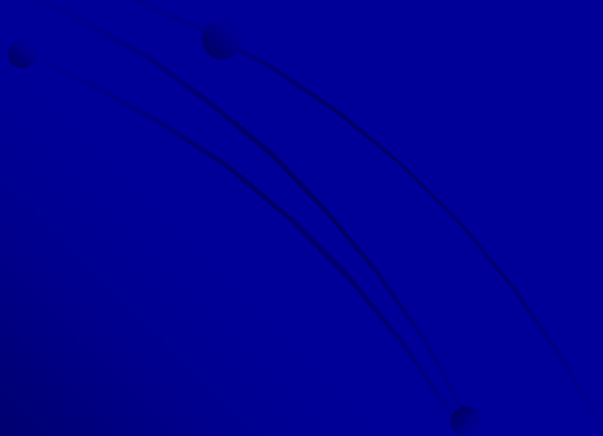


# 2006 Inspection Priorities

- Operation & Maintenance Procedure Reviews
  - Operator Qualification field Inspections & follow-up on OQ plan revisions.
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# 2006 Inspection Priorities

- Integrity Management Plan reviews for small operators & field reviews of anomaly repairs.
- Breakout Tanks Inspections



# Annual Fee Questionnaire

- April 3, 2006 - Mail to all Operators
- May 5, 2006 – Due date to return the Questionnaire
- June 23, 2006 – Mail Invoice to all operators
- Aug. 11, 2006 – Due date for the invoices

# Hydrostatic Testing Firms Renewal:

- April 3, 2006 - Mail renewal form to all Hydrostatic testing firms.
- June 1, 2006 – Mail Update list to all Hydrostatic testing firms and post the new list the website.
- Must Pay fees by June 30, 2006

# **The National Association of State Fire Marshals**

**in conjunction with the  
California State Fire Marshal's Office  
and the U.S. Department of Transportation's  
Pipeline and Hazardous Materials Safety  
Administration**

***present a***

**California State Pipeline Safety Meeting  
Monterey Plaza Hotel and Spa \* 400 Cannery  
Row \* Monterey, CA  
April 17-18, 2006**

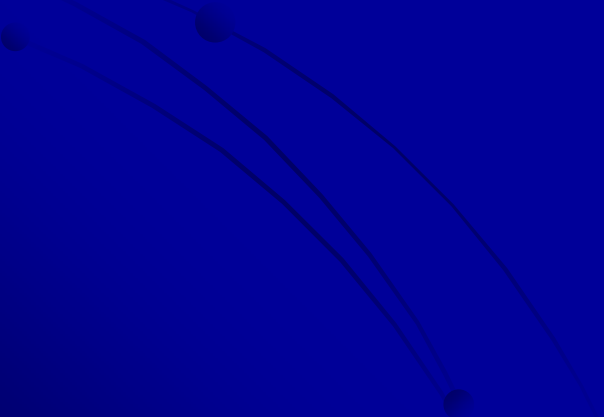
- The meeting will focus on the concept of shared responsibility among:
- Emergency responders
- Elected and appointed officials
- Liquid and Gas pipeline operators

to ensure higher levels of pipeline safety and awareness in the state of California.

- The agenda will include:
- LNG Terminal Safety
- Overview of NASFM's *Pipeline Emergencies* Training Program and Screening of NASFM's Pipeline Emergencies Training Video -*Michael Callan*
- Pipeline Operator Public Awareness Programs
- Senator Torlakson -invited



# State Fire Marshal Vacancies

- Pipeline Safety Engineer Positions
  - 6 openings by end of 2006
  - Examinations to be held within the next 2-4 months. (Hopefully)
  - Notices on SFM website
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# Top 10 Reasons to work for SFM

10. Can retire as early as Age 50 with lifetime medical and dental coverage.
9. Positions located statewide
8. Interesting work - low stress –4 WD Vehicle
7. Flexible work hours and generous time off.
6. Pride of contributing to public safety

# Top 10 reasons to work for SFM

5. Can inflict revenge on former employer.
4. Can confiscate neighbor's illegal fireworks and dispose of in your backyard.
3. In & Out Burgers for ½ Price
2. Instead of a year-end bonus you get another State Holiday
1. No chance of being relocated to Ponca City, Oklahoma